

Table 34. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 1999

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Employment sector/occupation	Total	Male	Female	Total	Male	Female
	[Number]	[Percent]				
All sectors.....	553,360	419,870	133,490	100.0	75.9	24.1
Scientists.....	342,140	251,360	90,780	100.0	73.5	26.5
Computer and information scientists.....	32,740	28,520	4,220	100.0	87.1	12.9
Mathematical scientists.....	19,650	16,070	3,580	100.0	81.8	18.2
Life and related scientists.....	104,030	74,790	29,250	100.0	71.9	28.1
Physical and related scientists.....	75,350	65,640	9,710	100.0	87.1	12.9
Social scientists.....	45,460	32,370	13,090	100.0	71.2	28.8
Psychologists.....	64,910	33,980	30,930	100.0	52.4	47.6
Engineers.....	74,600	69,310	5,290	100.0	92.9	7.1
Non-S&E occupations.....	136,630	99,200	37,430	100.0	72.6	27.4
Universities and 4-year colleges.....	240,080	176,420	63,660	100.0	73.5	26.5
Scientists.....	176,060	129,440	46,620	100.0	73.5	26.5
Computer and information scientists.....	7,780	6,680	1,100	100.0	85.9	14.1
Mathematical scientists.....	13,710	11,340	2,370	100.0	82.7	17.3
Life and related scientists.....	64,420	45,930	18,490	100.0	71.3	28.7
Physical and related scientists.....	33,320	28,550	4,770	100.0	85.7	14.3
Social scientists.....	34,300	24,800	9,490	100.0	72.3	27.7
Psychologists.....	22,530	12,140	10,390	100.0	53.9	46.1
Engineers.....	22,370	20,640	1,730	100.0	92.3	7.7
Non-S&E occupations.....	41,650	26,340	15,310	100.0	63.2	36.8
Other educational institutions.....	15,710	9,440	6,260	100.0	60.1	39.9
Scientists.....	9,600	6,120	3,480	100.0	63.7	36.3
Computer and information scientists.....	190	140	60	100.0	71.3	28.7
Mathematical scientists.....	790	590	210	100.0	74.1	25.9
Life and related scientists.....	2,040	1,290	750	100.0	63.1	36.9
Physical and related scientists.....	2,070	1,860	220	100.0	89.6	10.4
Social scientists.....	1,090	740	350	100.0	68.1	31.9
Psychologists.....	3,400	1,500	1,900	100.0	44.1	55.9
Engineers.....	210	180	S	100.0	86.9	S
Non-S&E occupations.....	5,900	3,150	2,750	100.0	53.3	46.7
Private-for-profit.....	185,720	155,560	30,160	100.0	83.8	16.2
Scientists.....	86,520	69,050	17,480	100.0	79.8	20.2
Computer and information scientists.....	21,610	18,940	2,660	100.0	87.7	12.3
Mathematical scientists.....	2,740	2,240	500	100.0	81.9	18.1
Life and related scientists.....	20,720	15,660	5,060	100.0	75.6	24.4
Physical and related scientists.....	27,020	23,610	3,410	100.0	87.4	12.6
Social scientists.....	3,110	2,260	840	100.0	72.9	27.1
Psychologists.....	11,340	6,330	5,010	100.0	55.8	44.2
Engineers.....	42,070	39,180	2,880	100.0	93.1	6.9
Non-S&E occupations.....	57,130	47,330	9,800	100.0	82.8	17.2
Self-employed.....	30,400	18,990	11,420	100.0	62.5	37.5
Scientists.....	19,780	10,750	9,030	100.0	54.4	45.6
Computer and information scientists.....	850	790	60	100.0	92.7	7.3
Mathematical scientists.....	220	160	50	100.0	75.8	24.2
Life and related scientists.....	1,670	1,160	520	100.0	69.2	30.8
Physical and related scientists.....	1,070	990	70	100.0	93.0	7.0
Social scientists.....	1,090	670	420	100.0	61.9	38.1
Psychologists.....	14,890	6,980	7,910	100.0	46.9	53.1
Engineers.....	1,670	1,670	S	100.0	99.9	S
Non-S&E occupations.....	8,950	6,560	2,380	100.0	73.4	26.6

See explanatory information and SOURCE at end of table.

Table 34. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 1999

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Employment sector/occupation	Total	Male	Female	Total	Male	Female
	[Number]			[Percent]		
Private not-for-profit.....	27,540	17,960	9,580	100.0	65.2	34.8
Scientists.....	15,710	10,040	5,670	100.0	63.9	36.1
Computer and information scientists.....	970	890	80	100.0	91.8	8.2
Mathematical scientists.....	660	500	160	100.0	75.7	24.3
Life and related scientists.....	4,050	2,720	1,330	100.0	67.2	32.8
Physical and related scientists.....	2,200	1,870	330	100.0	85.0	15.0
Social scientists.....	1,640	980	660	100.0	59.5	40.5
Psychologists.....	6,200	3,090	3,120	100.0	49.8	50.2
Engineers.....	2,000	1,950	50	100.0	97.3	2.7
Non-S&E occupations.....	9,830	5,980	3,850	100.0	60.8	39.2
Federal Government.....	37,250	29,620	7,630	100.0	79.5	20.5
Scientists.....	24,530	19,140	5,390	100.0	78.0	22.0
Computer and information scientists.....	1,030	890	150	100.0	85.7	14.3
Mathematical scientists.....	1,370	1,090	280	100.0	79.4	20.6
Life and related scientists.....	9,160	6,570	2,600	100.0	71.7	28.3
Physical and related scientists.....	8,160	7,370	790	100.0	90.3	9.7
Social scientists.....	2,540	1,720	830	100.0	67.5	32.5
Psychologists.....	2,260	1,510	740	100.0	67.0	33.0
Engineers.....	5,110	4,680	430	100.0	91.6	8.4
Non-S&E occupations.....	7,620	5,800	1,820	100.0	76.1	23.9
State and local government.....	14,870	10,560	4,320	100.0	71.0	29.0
Scientists.....	8,740	5,890	2,840	100.0	67.5	32.5
Computer and information scientists.....	310	200	110	100.0	65.0	35.0
Mathematical scientists.....	110	110	S	100.0	100.0	S
Life and related scientists.....	1,810	1,350	470	100.0	74.3	25.7
Physical and related scientists.....	1,390	1,280	110	100.0	92.0	8.0
Social scientists.....	870	530	330	100.0	61.6	38.4
Psychologists.....	4,260	2,430	1,830	100.0	57.1	42.9
Engineers.....	1,000	890	110	100.0	89.5	10.5
Non-S&E occupations.....	5,140	3,770	1,370	100.0	73.4	26.6
Other sector.....	1,790	1,330	460	100.0	74.1	25.9
Scientists.....	1,190	930	260	100.0	77.9	22.1
Computer and information scientists.....	S	S	S	S	S	S
Mathematical scientists.....	60	S	S	100.0	S	S
Life and related scientists.....	150	110	S	100.0	71.4	S
Physical and related scientists.....	120	120	S	100.0	96.7	S
Social scientists.....	830	650	170	100.0	78.9	21.1
Psychologists.....	S	S	S	S	S	S
Engineers.....	170	120	60	100.0	67.4	32.6
Non-S&E occupations.....	420	280	140	100.0	66.2	33.8

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases). S&E=science and engineering.

NOTES: Numbers are rounded to nearest ten. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 1999 Survey of Doctorate Recipients